

NOTES:

1. LENGTH OF RESTRAINT SHOWN IS IN FEET. PIPE DIAMETERS ARE IN INCHES.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
3. U1 AND U2 = UNINTERRUPTED STRAIGHT RUNS OF PIPE IN EACH DIRECTION.
4. U_r = THE SMALLER OF U1 OR U2
5. L = MINIMUM RESTRAINED LENGTH ALONG THE BRANCH.
6. WHERE U_r IS LESS THAN 5', RESTRAIN TEE AS A 90° HORIZONTAL BEND.
7. INFORMATION IN THE TABLES ABOVE IS BASED ON THE DESIGN INFORMATION SHOWN. THE ENGINEER SHALL PROVIDE AMENDED RESTRAINT LENGTHS IF SITE CONDITIONS DIFFER.

PVC

TEE \ U_r	15'	20'
4X4	*	*
6X4	*	*
6X6	*	*
8X4	*	*
8X6	*	*
8X8	*	*
10X4	*	*
10X6	*	*
10X8	*	*
10X10	*	*
12X4	*	*
12X6	*	*
12X8	*	*
12X10	*	*
12X12	6	*
16X6	*	*
16X8	*	*

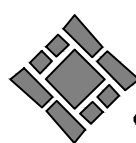
TEE \ U_r	15'	20'
16X10	*	*
16X12	*	*
16X16	5	*
20X6	*	*
20X8	*	*
20X10	*	*
20X12	*	*
20X16	*	*
20X20	26	*
24X6	*	*
24X8	*	*
24X10	*	*
24X12	*	*
24X16	*	*
24X20	3	*
24X24	45	12

PVC DESIGN:
 SOIL TYPE: SM
 TRENCH TYPE: 5
 COVER: 3' \leq 12" DIA.
 4' $>$ 12" DIA.
 TEST PRESSURE: 150 PSI

* = RESTRAINT AT TEE ONLY

FORCE MAIN TEE RESTRAINT (PVC PIPE)

STANDARD
CONSTRUCTION
DETAILS



CITY OF
savannah
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.

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PLATE NUMBER:

S6